

WHAT IS CLAIMED IS:

1. A content-recording apparatus comprising:

a network connection unit operable to acquire content data via a network;

a TV program-acquiring unit operable to acquire content data from a broadcasting station;

a content-recording unit operable to record the content data acquired via the network and the content data acquired from the broadcasting station;

an entering unit operable to receive command information entered by a user;

a display control unit operable to generate a signal-for-display-device based on the content data recorded by said content-recording unit; and

a control unit operable to search at said content-recording unit content data related to the command information received by said entering unit to make, when the content data related to the command information received by said entering unit exists, said display control unit generate a signal-for-display-device based on the content data related to the command information received by said entering unit,

wherein, when the content data acquired by said network connection unit via the network has been recorded by said content-recording unit and is able to be reproduced, said display control unit generates a signal-for-display-device notifying the user that the content data acquired by said network connection unit via the network has been recorded by said content-recording unit and is able to be reproduced.

2. The content-recording apparatus of claim 1, wherein, when the content data acquired by said network connection unit via the network has been recorded by said content-recording unit and is able to be reproduced, said display control unit generates a signal-for-display-device displaying a sub screen notifying the user that the content data acquired by said network connection unit via the network is able to be reproduced.

3. The content-recording apparatus of claim 2, wherein said display control unit closes the sub screen when the content data is reproduced.

4. The content-recording apparatus of claim 2, wherein said display control unit changes the sub screen after an amount of time.

5. The content-recording apparatus of claim 1, wherein when, while displaying nothing, the content data acquired by said network connection unit via the network has been recorded by said content-recording unit and is able to be reproduced and displaying based on a signal-for-display-device has begun, said display control unit generates a signal-for-display-device displaying a sub screen notifying the user that the content data acquired by said network connection unit via the network is able to be reproduced.

6. The content-recording apparatus of claim 2, wherein the sub screen comprises character information.

7. The content-recording apparatus of claim 2, wherein said display control unit is operable to reproduce a sound accompanying the sub screen.

8. The content-recording apparatus of claim 2, wherein the sub screen comprises one or more items selected from a group of a title, a message, transmission source information, transmission time, receiving time, reproduction time length, and data size.

9. The content-recording apparatus of claim 2, wherein the sub screen comprises a channel number assigned to the content data recorded by said content-

recording unit.

10. The content-recording apparatus of claim 1, wherein, when the content data acquired by said network connection unit via the network has been recorded by said content-recording unit and is able to be reproduced, said display control unit generates a signal-for-display-device reproducing a sound notifying the user that the content data acquired by said network connection unit via the network is able to be reproduced.

11. The content-recording apparatus of claim 2, wherein the sub screen comprises one or more items selected from a group of a still image and the content data acquired by said network connection unit via the network.

12. The content-recording apparatus of claim 1, wherein, when the content data acquired by said network connection unit via the network has been recorded by said content-recording unit and is able to be reproduced, said display control unit generates a signal-for-display-device performing an unusual display.

13. A content-recording apparatus comprising:

a network connection unit operable to acquire content data via a network;

a TV program-acquiring unit operable to acquire content data from a broadcasting station;

a content-recording unit operable to record the content data acquired via the network and the content data acquired from the broadcasting station; and

a display control unit operable to generate, according to EPG information that at least one of said network connection unit and said TV program-acquiring unit has acquired from the broadcasting station, a signal-for-display-device displaying a content list,

wherein said display control unit manages the content data acquired by said TV program-acquiring unit and the content data acquired by said network connection unit in the content list equivalently.

14. The content-recording apparatus of claim 13, wherein said content-recording unit records the content data acquired by said network connection unit relating to a channel assigned to at least one of a transmitter and a transmitter's group having transmitted the content data acquired by said network connection unit;

wherein said content-recording unit records the content data acquired by said TV program-acquiring unit relating to a channel assigned to the broadcasting station; and

wherein the content list comprises a channel assigned to the at least one of the transmitter and the transmitter's group having transmitted the content data acquired by said network connection unit.

15. The content-recording apparatus of claim 13, wherein the content list further comprises:

a vertical axis; and

a horizontal axis,

wherein either the vertical axis or the horizontal axis is a channel number axis having a channel that at least one of a transmitter and a transmitter's group having transmitted the content data acquired by said network connection unit can be assigned to.

16. The content-recording apparatus of claim 13, wherein the content list further comprises:

a vertical axis; and

a horizontal axis,
wherein one of the vertical axis and the horizontal axis is a channel number axis, and
wherein another of the vertical axis and the horizontal axis shows an order of reproduction of the content data recorded by said content-recording unit.

17. The content-recording apparatus of claim 13, wherein the content list further comprises:

a vertical axis; and
a horizontal axis,
wherein one of the vertical axis and the horizontal axis is a channel number axis, and
wherein another of the vertical axis and the horizontal axis shows reproduction time of the content data recorded by said content-recording unit.

18. A content-reproducing apparatus comprising:
a network connection unit operable to acquire content data via a network;
a TV program-acquiring unit operable to acquire content data from a broadcasting station;
a content-recording unit operable to record the content data acquired via the network and the content data acquired from the broadcasting station;
an entering unit operable to receive command information entered by a user;
a display control unit operable to generate a signal-for-display-device based on the content data recorded by said content-recording unit;
a control unit operable to search at said content-recording unit content data related to the command information received by said entering unit to make, when the content data related to the command information received by said entering unit exists,

said display control unit generate a signal-for-display-device based on the content data related to the command information received by said entering unit; and

a monitor operable to display according to the signal-for-display-device generated by said display control unit,

wherein, when the content data acquired by said network connection unit via the network has been recorded by said content-recording unit and is able to be reproduced, said display control unit generates a signal-for-display-device notifying the user that the content data acquired by said network connection unit via the network has been recorded onto said content-recording unit and is able to be reproduced.

19. A content-recording method comprising:

acquiring content data via a network;

recording the content data acquired via the network onto a content-recording unit;

generating a signal-for-display-device based on the content data recorded onto the content-recording unit;

receiving command information entered by a user;

acquiring content data from a broadcasting station;

searching at the content-recording unit content data related to the command information entered by the user to generate, when the content data related to the command information entered by the user exists, a signal-for-display-device based on the content data related to the command information entered by the user; and

generating, when the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced, a signal-for-display-device notifying the user that the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced.

20. The content-recording method of claim 19, wherein said generating of the signal-for-display-device notifying the user comprises,

generating, when the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced, a signal-for-display-device displaying a sub screen notifying the user that the content data acquired via the network is able to be reproduced.

21. The content-recording method of claim 20, wherein the sub screen is closed when the content data is reproduced.

22. The content-recording method of claim 20, wherein the sub screen is changed after an amount of time.

23. The content-recording method of claim 19, wherein when, while displaying nothing, the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced and displaying based on a signal-for-display-device has begun, said generating of the signal-for-display-device notifying the user comprising generating a signal-for-display-device displaying a sub screen notifying the user that the content data acquired by the network connection unit via the network is able to be reproduced occurs.

24. The content-recording method of claim 20, wherein the sub screen comprises character information.

25. The content-recording method of claim 20, further comprising reproducing a sound while displaying the sub screen.

26. The content-recording method of claim 20, wherein the sub screen comprises one or more items selected from a group of a title, a message, transmission source information, transmission time, receiving time, reproduction time length, and data size.

27. The content-recording method of claim 20, wherein the sub screen comprises a channel number assigned to the content data recorded onto the content-recording unit.

28. The content-recording method of claim 19, wherein, when the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced, said generating of the signal-for-display-device notifying the user comprising generating a signal-for-display-device reproducing a sound notifying the user that the content data acquired by the network connection unit via the network is able to be reproduced occurs.

29. The content-recording method of claim 20, wherein the sub screen comprises one or more items selected from a group of a still image and the content data acquired via the network.

30. The content-recording method of claim 19, wherein, when the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced, said generating of the signal-for-display-device notifying the user comprising generating a signal-for-display-device performing an unusual display occurs.

31. A content-recording method comprising:

acquiring content data via a network;
acquiring content data from a broadcasting station;
recording the content data acquired via the network and the content data acquired from the broadcasting station onto a content-recording unit; and
generating, according to EPG information acquired from the broadcasting station, a signal-for-display-device displaying a content list,
wherein the content data acquired from the broadcasting station and the content data acquired via the network are managed in the content list equivalently.

32. The content-recording apparatus of claim 31, wherein the content-recording unit records the content data acquired via the network relating to a channel assigned to at least one of a transmitter and a transmitter's group having transmitted the content data acquired via the network;

wherein the content-recording unit records the content data acquired from the broadcasting station relating to a channel assigned to the broadcasting station; and

wherein the content list comprises a channel assigned to the at least one of the transmitter and the transmitter's group having transmitted the content data acquired via the network.

33. The content-recording apparatus of claim 31, wherein the content list further comprises:

a vertical axis; and

a horizontal axis,

wherein either the vertical axis or the horizontal axis is a channel number axis having a channel that at least one of a transmitter and a transmitter's group having transmitted the content data acquired via the network can be assigned to.

34. The content-recording apparatus of claim 33, wherein the content list further comprises:

a vertical axis; and

a horizontal axis,

wherein one of the vertical axis and the horizontal axis is a channel number axis, and

wherein another of the vertical axis and the horizontal axis shows an order of reproduction of the content data recorded onto the content-recording unit.

35. The content-recording apparatus of claim 33, wherein the content list further comprises:

a vertical axis; and

a horizontal axis,

wherein one of the vertical axis and the horizontal axis is a channel number axis, and

wherein another of the vertical axis and the horizontal axis shows a reproduction time of the content data recorded onto the content-recording unit.

36. A recording medium having a content-recording program recorded therein, said content-recording program comprising:

a program portion operable to acquire content data via a network;

a program portion operable to record the content data acquired via the network onto a content-recording unit;

a program portion operable to generate a signal-for-display-device based on the content data recorded onto the content-recording unit;

a program portion operable to receive command information entered by a user;

a program portion operable to acquire content data from a broadcasting station;

a program portion operable to search at the content-recording unit content data related to the command information entered by the user to generate, when the content data related to the command information entered by the user exists, a signal-for-display-device based on the content data related to the command information entered by the user; and

a program portion operable to generate, when the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced, a signal-for-display-device notifying the user that the content data acquired via the network has been recorded onto the content-recording unit and is able to be reproduced.